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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
(initialed)		4,573,197	02/25/86	CRIMMINS	382	22	—

FOREIGN PATENT DOCUMENTS

		Document	Date	Country	Class	Sub-class	Translation Yes/No
WS		1 058 458	12/06/00	EP	H04N	7/26	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WS		XP000332031, P.E. TRAHANIAS, "Binary Shape Recognition using the Morphological Skeleton Transform", Pattern Recognition, Vol. 25, No. 11 pp.1277-1288, 1992
		XP000369377, P.E. TRAHANIAS, et al, "Morphological hand-printed character recognition by a skeleton-matching algorithm", Journal of Electronic Imaging, Vol. 2, pp 114-125, 1993
		XP000012393, Ziheng ZHOU, et al, "Morphological Skeleton Representation and Shape Recognition", International Conference on Acoustics Speech & Signal Processing, Vol. Conf., 13, pp.948-951, 1988
		XP004216270, W-Y KIM, et al, "A region-based shape descriptor using Zernike mooments', Signal Processing, Image Communication, Elsevier Science Publishers, Amsterdam, NL, Vol. 16, no. 1-2, pp. 95-102, 2000
		XP002173357, P. DIMITROV, et al, "Robust and efficient skeletal graphs", IEEE Conference on Computer Vision and Pattern Recognition, Vol. 1, pp. 417-423, 2000
WS		XP000997596, A. YAMADA, et al, "MPEG-7 Visual part of experimentation Model Version 9.0,pp. 1-83, 2001

EXAMINER:	DATE CONSIDERED: 6/11/03

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